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**U.S. Department of Commerce**  
**Patent and Trademark Office**

Atty. Docket No.  
P22180

Application No.  
10/088,531

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**  
(Use several sheets if necessary)

**Applicant**  
**Katsuji SHIBATA et al.**

**Filing Date**  
**May 31, 2002**

**Group  
1745**

## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

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**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

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**EXAMINER**

Colleen P. Cooke

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3-21-05

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| FORM PTO-1449  |                 | U.S. Department of Commerce<br>Patent and Trademark Office |   | Atty. Docket No.<br>P22180          |   | Application No.<br>10/088,531 |   |      |          |       |          |                                  |   |  |
| INFORMATION DISCLOSURE STATEMENT<br>BY APPLICANT<br>(Use several sheets if necessary)  |                 |  |   | Applicant<br>Katsuji SHIBATA et al. |   |                               |   |      |          |       |          |                                  |   |  |
|  |                 |  |   | Filing Date<br>May 31, 2002         |   | Group<br>1754                 |   |      |          |       |          |                                  |   |  |
| U.S. PATENT DOCUMENTS  |                 |  |   |                                     |   |                               |   |      |          |       |          |                                  |   |  |
| EXAMINER<br>INITIAL  | DOCUMENT NUMBER |  |   |                                     |   |                               |   | DATE | NAME     | CLASS | SUBCLASS | FILING DATE<br>IF<br>APPROPRIATE |   |  |
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|  | DOCUMENT NUMBER |  |   |                                     |   |                               |   | DATE | COUNTRY  | CLASS | SUBCLASS | TRANSLATION<br>YES NO            |   |  |
| CL   | 8               | -  | 3 | 2                                   | 5 | 4                             | 3 | 9    | 12/10/96 | JAPAN |          |                                  | X |  |
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|  | 9               | -  | 3 | 1                                   | 6 | 4                             | 4 | 5    | 12/09/97 | JAPAN |          |                                  | X |  |
| CL   | 10              | -  | 1 | 2                                   | 6 | 0                             | 5 | 2    | 05/15/98 | JAPAN |          |                                  | X |  |
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| EXAMINER <u>Colin P. Cooke</u> DATE CONSIDERED <u>3-21-05</u>  |                 |  |   |                                     |   |                               |   |      |          |       |          |                                  |   |  |
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